

## Recommendations for New

SDS/FMS Table Name	Recommended New SDS/FMS Attribute Tables	Recommended New Attribute Table Definitions	Recommended Additional Attributes
fahabnes			age
			egg_pri_ev
			emerg_date
			hatch_emer
			incubation
			num_dead
			num_emerg
			num_live
			pip_dead
			pip_live
			prdpri_id
			protec_typ
			species
			relocate_d
			tot_depred
			tot_eggs
			tot_hatch
			tot_pipped
			tot_unhatc
			fem_on_d
			down
			success_d
			deprad_d
			init_date
			hatch_date
			band_no
			band_d
			bnd_clr_d
			tag_d
			nes_srvc_d
			serv_date
			no_egg-wd
			no_egg_hm
			hatch_date
			init_date

			no_chicks
			no_egg
			no_egg_hm
			no_egg_wd
			no_hatched
			no_leaving
			no_observ
			num_adults
			num_juv
			tag_no
			reliable_d
			source
<b>flhabaqv</b>			length
			length_u_d
<b>famgtsmp</b>			hab_type
			easting
			northing
	<b>famgthnt</b>		number
			kill_date
			mgt_unit
			sex
			age
			live_weight
			dres_weight
			hunt_name
			meas_weight
			pct_weight
			lactation
			bag_limit
			bag_type
			possession_limit
<b>famghaz</b>			area_status
<b>flmgtfst</b>			env_fdesc
			env_fea_d
			contam_d
			yield_pred
<b>fahabspc</b>			date_loc
			dead
			species
			nest_id
	famgtaves	This table contains data about the management of Aves species of fauna.	mgtaves_id

			habars_id
			nest_id
			mgmt_needs
			band_d
			bnd_clr_d
			tag_d
			band_no
			cavities
			cav_cond
			cav_numb
			cav_ht
			cav_stt
			cav_size
			sex_d
			age
			clust_num
			num_fledge
			fldg_date
			no_clustr
			no_adults
			mgt_action
			mgmt_needs
			mgmt_recd
			species_id
			media_id
			meta_id
			coord_id
			instln_id
			facil_id
			grid_value
	famgtamp	This table contains data about the management of Amphibian species of fauna.	mgtamp_id
			mgt_action

			mgmt_needs
			mgmt_recd
			sex_d
			species
			age
			media_id
			meta_id
			coord_id
			instln_id
			facil_id
			habars_id
			grid_value
	famgtcru	This table contains data about the management of the Crustacean species of fauna	mgtcru_id
			mgt_action
			mgmt_needs
			mgmt_recd
			sex_d
			species
			age
			media_id
			meta_id
			coord_id
			instln_id

			facil_id
			habars_id
			grid_value
	famgtins	This table contains data about the management of Insect species of fauna.	mgtinc_id
			media_id
			meta_id
			coord_id
			instln_id
			facil_id
			grid_value
			mgt_action
			mgmt_needs
			mgmt_recd
			sex_d
			species
			habars_id
			age
	famgtmam	This table contains data about the management of the Mammalian species of fauna.	mgtmam_id
			meta_id
			media_id
			coord_id

			instln_id
			facil_id
			grid_value
			habars_id
			pri_hab_typ
			species
			observer
			route
			indivd_id
			weight
			reprod_stt
			narrative
			weather
			fa_sty_id
			ctch_mth_d
			anchr_typ
			set_type
			releas_date
			capt_date
			drug_type
			tot_length
			head_length
			head_width
			length_u_d
			width_u_d
			Zygo_circ
			neck_circ
			chest_circ
			shoulder_height
			ear_lngth
			tooth
			blood
			hair
			tissue
			phys_cond
			lactating

			parasit_id
			tattoo
			tattoo_loc
			tattoo_num
			ear_tags
			tab_num
			which_ear
			ear_stremr
			radio_colr
			frequency
			freq_u_d
			chst_blze
			scars
			scar_loc
			abnorms
			markings
			mort_typ
			date_mort
			couint_id
			sightng
			date_sight
			loc_sight
			scat_coll
			nuisance
			response
			actions
			mgmt_needs
			mgt_action
			mgmt_recd
			tooth_wear
	famgtmol	This table contains data about the management of the Mollusca species of fauna.	mgmtmol_id
			mgt_action
			mgmt_recd
			meta_id

			media_id
			coord_id
			instln_id
			facil_id
			grid_value
			habars_id
			pri_hab_typ
			species
			observer
			sex_d
			mgmt_needs
			age
	famgtfsh	This table contains data about the management of the Pisces species of fauna.	mgtfsh_id
			mgt_action
			mgmt_recd
			ladder_id
			spawn_id
			meta_id
			media_id
			coord_id
			instln_id
			facil_id



			grid_value
			habars_id
			pri_hab_typ
			species
			observer
			sex_d
			mgmt_needs
			age
	famgtrep	This table contains data about the management of the Reptilian species of fauna.	mgmtrep_id
			mgt_action
			mgmt_recd
			meta_id
			media_id
			coord_id
			instln_id
			facil_id
			grid_value
			habars_id
			pri_hab_typ
			species
			observer
			sex_d
			age
			mgmt_needs

		This table contains data about the hunting of fauna species for management purposes.	
	famgthnt		hunt_id
			mgt_unit
			species
			ck_sta
			number_of
			kill_date
			sex_d
			age
			live_wt
			weight_u_d
			dress_wt
			huntr_name
			narrative
			huntr_lic
			limit
			hnt_typ_d
			mile_seg
			weather
	famgthrv	This table contain data about the harvesting of fauna species	fahrvt_id
			mgmt_unit
			ck_sta
			zone
			numb_spp
			mgmt_needed
			mgmt_recd
			mgmt_action
			meta_id
			media_id
			coord_id
			instln_id

			facil_id
			grid_value
			habars_id
			pri_hab_typ
			species
			observer
			sex_d
			age
			hunt_id
			fa_cls_id
flmgttim flmgtfst flmgtfor			dim_cls_d

flmgttim flmgtfst flmgtfor			flnd_cls_d
flmgttim flmgtfst flmgtfor			for_typ_d


flmgttim flmgtfst flmgtfor			grw_cls_d
flmgttim flmgtfst flmgtfor			ownr_cls_d

flmgttim flmgtfst flmgtfor			stnd_cls_d

flmgttim flmgtfst flmgtfor			stocking_d
flmgttim flmgtfst flmgtfor			tree_cls_d



flmgttim flmgtfst flmgtfor			tree_vol_d

flmgttim flmgtfst flmgtfor			avg_mort

flmgttim flmgtfst flmgtfor			avg_removal
flmgttim flmgtfst flmgtfor			avg_na_grw
flmgttim flmgtfst flmgtfor			basal_area
flmgttim flmgtfst flmgtfor			cull_incre
flmgttim flmgtfst flmgtfor			reliable_d
flmgttim flmgtfst flmgtfor			source

## / Attribute Tables, Attributes and Domains for SDS/I

Attribute Definition	New SDS/FMS Domain Table Additions	New SDS/FMS Domain Table Definiton
Age code (1,2,3, or null)		
Number of eggs prior to evaluation of the area		
Date the species emerged from the nest.		
Date the hatch emerged from the nest		
Number of days incubation. Incubation period.		
Number of dead found in the nest		
Number emerged from the nest		
Number of hatched found alive in the nest		
Pipped dead		
Pipped alive		
Foreign Key. Used to link the record to the applicable predator/prey record.		
Type of protection provided.		
The scientific species name (which includes the genus of the species).		
Was the nest relocated?	d_boolen	
Total number of depredations		
Total number of eggs		
Total number of eggs hatched		
Total number of eggs pipped		
Total number of eggs unhatched		
Was the female on or off the nest?	d_boolen	
Down		
Was the nest successful?	d_boolen	
Was the nest depredated?	d_boolen	
Date the nest was initiated		
Estimated hatch date		
Band number		
Is the species banded?	d_boolen	
Color of the band	d_colors	
Is the band web tagged?	d_boolen	
Was the nest serviced?	d_boolen	
Date the nest was serviced		
Number of eggs withdrawn from the nest		
No definition given		
Estimated Hatch Date		
Initiation Date		

Number of chicks		
Number of eggs		
# Eggs HM		
# Eggs WD		
# Hatched		
# Leaving Nest		
number 0-15		
num_adults		
num_juv		
Web Tag #		
Indicator of data reliability	d_rely	Data reliablitiy indicator
Source description		
Length in feet		
Unit of measure for length	d_uom	Unit of measure
Primary Habitat Type		
Original easting in WGS84 UTM meter data		
Original easting in WGS84 UTM meter data		
Number		
Kill Date		
Mgt Unit		
Sex		
Age		
Live Weight		
Dressed Weight		
Hunters Name		
Measured_Weight		
Weight pct		
Lactation		
Bag limit for animal being hunted		
Type of limit (daily, season, yearly)		
Number of animals that can be in one persons possession at one time		
Status of area		
Feature description		
Feature identification code		
Contamination ID code		
Potential timber yield		
Date the species was locate, spotted, observed.		
Was the species found dead?	d_boolean	
Scientific name of the species (which includes the genus).		
Foreign Key. Used to link the record to the applicable nest feature record.		
Primary Key. A unique, user defined identifier for each record or instance of an entity.		

Foreign Key. Used to link the record to the appropriate feature record.		
Foreign Key. Used to link the record to the applicable nest feature record.		
Management needs of the species.		
Is the species banded?	d_boolen	
Color of the band	d_colors	
Is the band web tagged?	d_boolen	
Band number		
Condition of the cavities		
Cavity of the number		
Height of cavity		
Status of the cavity		
Size of cavity		
Sex of the bird	d_sex	
Age of the bird		
Cluster number		
Fledge number		
Date of fledge		
Number of birds in cluster		
Number of adults		
Management action		
Management type needed		
Management recommended		
Foreign Key. Used to link to the appropriate tree record.		
Foreign Key. Used to link the record to the applicable feature level metadata record(s).		
Foreign Key. Used to link the record to associated multimedia records that reference data such as imagery, video, audio, scanned documents, drawings, and other digital media.		
Foreign Key. Used to link the record to the appropriate point coordinate records.		
Foreign Key. Used to link the record to the applicable INSTALLATION record.		
Foreign Key. Used to link the record to the Facility Record.		
A numeric identification of a raster element in an image or grid that represents the feature.		
Primary Key. A unique, user defined identifier for each record or instance of an entity.		
Management action		

Management type needed		
Management recommended		
Sex of the amphibian	d_sex	
Scientific name of the species (which includes the genus).		
Age of the amphibian		
Foreign Key. Used to link the record to the applicable feature level metadata record(s).		
Foreign Key. Used to link the record to associated multimedia records that reference data such as imagery, video, audio, scanned documents, drawings, and other digital media.		
Foreign Key. Used to link the record to the appropriate point coordinate records.		
Foreign Key. Used to link the record to the applicable INSTALLATION record.		
Foreign Key. Used to link the record to the Facility Record.		
Foreign Key. Used to link the record to the appropriate feature record.		
A numeric identification of a raster element in an image or grid that represents the feature.		
Primary Key. A unique, user defined identifier for each record or instance of an entity.		
Management action		
Management type needed		
Management recommended		
Sex of the crustacea	d_sex	
Scientific name of the species (which includes the genus).		
Age of the crustacea		
Foreign Key. Used to link the record to the applicable feature level metadata record(s).		
Foreign Key. Used to link the record to associated multimedia records that reference data such as imagery, video, audio, scanned documents, drawings, and other digital media.		
Foreign Key. Used to link the record to the appropriate point coordinate records.		
Foreign Key. Used to link the record to the applicable INSTALLATION record.		

Foreign Key. Used to link the record to the Facility Record.		
Foreign Key. Used to link the record to the appropriate feature record.		
A numeric identification of a raster element in an image or grid that represents the feature.		
Primary Key. A unique, user defined identifier for each record or instance of an entity.		
Foreign Key. Used to link the record to the applicable feature level metadata record(s).		
Foreign Key. Used to link the record to associated multimedia records that reference data such as imagery, video, audio, scanned documents, drawings, and other digital media.		
Foreign Key. Used to link the record to the appropriate point coordinate records.		
Foreign Key. Used to link the record to the applicable INSTALLATION record.		
Foreign Key. Used to link the record to the Facility Record.		
A numeric identification of a raster element in an image or grid that represents the feature.		
Management action		
Management type needed		
Management recommended		
Sex of the insect	d_sex	
Scientific name of the species (which includes the genus).		
Foreign Key. Used to link the record to the appropriate feature record.		
Age of the insect		
Primary Key. A unique, user defined identifier for each record or instance of an entity.		
Foreign Key. Used to link the record to the applicable feature level metadata record(s).		
Foreign Key. Used to link the record to associated multimedia records that reference data such as imagery, video, audio, scanned documents, drawings, and other digital media.		
Foreign Key. Used to link the record to the appropriate point coordinate records.		



Foreign Key. Used to link the record to the applicable INSTALLATION record.		
Foreign Key. Used to link the record to the Facility Record.		
A numeric identification of a raster element in an image or grid that represents the feature.		
Foreign Key. Used to link the record to the appropriate feature record.		
Primary habitat type		
The scientific species name (which includes the genus of the species).		
Observer		
Route of the species, if any		
Individual identification number		
Weight of the animal		
Reproductive status of the animal		
A description or other unique information concerning the subject item, limited to 240 characters.		
Weather		
Foreign Key. Used to link the record to the appropriate fauna study record.		
Catch method/gear type used.	d_catmth	
Anchor type associated with snare or trap		
Set type associated with snare or trap		
Release date		
Capture date		
Type of immobilizing drug used		
Total length of the mammal		
Length of the mammal head		
Width of the mammal head		
Unit of measure for length	d_uom	
Unit of measure for width	d_uom	
Zygomatic Circumference		
Circumference of the neck		
Circumference of the chest		
Shoulder height of mammal, if applicable		
Length of the mammals ear		
Tooth type		
Blood type		
Hair type		
Tissue type		
Physical condition of the mammal		
Is the mammal lactating	d_boolen	

Foreign Key. Used to link the record to the applicable feature parasite record.		
Does mammal have a tatoo?	d_boolen	
Location of the tatoo		
Tatoo number		
Does the mammal have ear tags?	d_boolen	
Ear tag number		
Which ear is the tag located?	d_boolen	
Ear streamers		
Radio collar		
Frequency of the radio collar		
Unit of measure for frequency	d_uom	
Does the mammal have a chest blaze?	d_boolen	
Does the mammal have any scars	d_boolen	
Location of the scars		
Type of abnormalities found on the mammal		
Any unique markings noted		
Type of mortality suffered		
Date of mortality		
Foreign Key. Used to link the record to the appropriate county record(s).		
Incidental sighting		
Date of incidental sighting		
Location of the sighting		
Scat collected		
Was there a nuisance	d_boolen	
Was there a response	d_boolen	
Actions during sighting		
Management needs of the species.		
Management action		
Management recommended		
Amount of wear found on teeth		
Primary Key. A unique, user defined identifier for each record or instance of an entity.		
Management action		
Management recommended		
Foreign Key. Used to link the record to the applicable feature level metadata record(s).		

Foreign Key. Used to link the record to associated multimedia records that reference data such as imagery, video, audio, scanned documents, drawings, and other digital media.		
Foreign Key. Used to link the record to the appropriate point coordinate records.		
Foreign Key. Used to link the record to the applicable INSTALLATION record.		
Foreign Key. Used to link the record to the Facility Record.		
A numeric identification of a raster element in an image or grid that represents the feature.		
Foreign Key. Used to link the record to the appropriate feature record.		
Primary habitat type		
The scientific species name (which includes the genus of the species).		
Observer		
Sex of the mollusca	d_sex	
Management needs of the species.		
Age of the mollusca		
Primary Key. A unique, user defined identifier for each record or instance of an entity.		
Management action		
Management recommended		
Foreign Key. Used to link the record to the appropriate pisces fish ladder record.		
Foreign Key. Used to link the record to the appropriate pisces fish spawn record.		
Foreign Key. Used to link the record to the applicable feature level metadata record(s).		
Foreign Key. Used to link the record to associated multimedia records that reference data such as imagery, video, audio, scanned documents, drawings, and other digital media.		
Foreign Key. Used to link the record to the appropriate point coordinate records.		
Foreign Key. Used to link the record to the applicable INSTALLATION record.		
Foreign Key. Used to link the record to the Facility Record.		

A numeric identification of a raster element in an image or grid that represents the feature.		
Foreign Key. Used to link the record to the appropriate feature record.		
Primary habitat type		
The scientific species name (which includes the genus of the species).		
Observer		
Sex of the fish	d_sex	
Management needs of the species.		
Age of the fish		
Primary Key. A unique, user defined identifier for each record or instance of an entity.		
Management action		
Management recommended		
Foreign Key. Used to link the record to the applicable feature level metadata record(s).		
Foreign Key. Used to link the record to associated multimedia records that reference data such as imagery, video, audio, scanned documents, drawings, and other digital media.		
Foreign Key. Used to link the record to the appropriate point coordinate records.		
Foreign Key. Used to link the record to the applicable INSTALLATION record.		
Foreign Key. Used to link the record to the Facility Record.		
A numeric identification of a raster element in an image or grid that represents the feature.		
Foreign Key. Used to link the record to the appropriate feature record.		
Primary habitat type		
The scientific species name (which includes the genus of the species).		
Observer		
Sex of the fish	d_sex	
Age of the fish		
Management needs of the species.		

Primary Key. A unique, user defined identifier for each record or instance of an entity.		
Management unit		
The scientific species name (which includes the genus of the species).		
Check station		
Number of killed		
Kill date		
Sex of species killed	d_sex	
Age of species killed		
Live weight		
Unit of measure for weight		
Weight of animal dressed		
Name of the hunter		
A description or other unique information concerning the subject item, limited to 240 characters.		
License number of the hunter, if required		
Limit restriction of the hunt (number of species on is allowed to kill during one hunting session).		
Type of hunting area		
Mile segment		
Weather		
Primary Key. A unique, user defined identifier for each record or instance of an entity.		
Management unit.		
Check station		
Zone of harvest		
Number of species within the zone		
Type of management needed		
Type of management recommended		
Management actions.		
Foreign Key. Used to link the record to the applicable feature level metadata record(s).		
Foreign Key. Used to link the record to associated multimedia records that reference data such as imagery, video, audio, scanned documents, drawings, and other digital media.		
Foreign Key. Used to link the record to the appropriate point coordinate records.		
Foreign Key. Used to link the record to the applicable INSTALLATION record.		

Foreign Key. Used to link the record to the Facility Record.		
A numeric identification of a raster element in an image or grid that represents the feature.		
Foreign Key. Used to link the record to the appropriate feature record.		
Primary habitat type		
The scientific species name (which includes the genus of the species).		
Observer		
Sex of the species	d_sex	
Age of the species		
Foreign Key. Used to link the record to the applicable feature hunt record(s).		
Foreign Key. Used to link the record to the applicable fauna classification record(s).		
Dimension classes of trees	d_dimcls	Dimension classification of trees

Forest land classes	fstcls_d	Classification of forest lands
forest type groups	d_fortyp	Forest Type Groups




Growth classes	d_grwcls	Classification of stocking growth
ownership classes		Classification of forest ownership

stand-size classes	d_stdcl	Classification of Stand sizes

<p>Stocking is the measure of the extent to which the growth potential of the site is utilized by trees or preempted by vegetation cover. Stocking is determined by comparing the stand density in terms of number of trees or basal area with a specified standard. Therefore, full stocking is 100 percent of the stocking standard.</p>	<p>d_stckng</p>	<p>stocking categories</p>
<p>tree classes</p>	<p>d_trecls</p>	<p>Classification of forest trees</p>

volume of trees	d_trevol	Volume of trees

Average annual sound-wood volume of growing-stock or live trees that died from natural causes for the intersurvey period		

Average net annual volume of growing-stock or live trees removed from the inventory by harvesting, cultural operations (such as timber-stand improvement), land clearing, or changes in land use for the intersurvey period.		
Average net annual volume increase of growing-stock or live trees for the intersurvey period.		
The area in square feet of the cross section breast height of a single tree or of all the trees in a stand, usually expressed in square feet per acre.		
The change in growing-stock volume due to growing-stock, rough, or rotten trees changing tree class between surveys		
Indicator of data reliability	d_rely	Data reliabilitiy indicator
Source description		

## FMS release 1.8

Domain Values	Domain Value Definitions	Source
		Eglin
		Eglin
		Eglin
		Eglin
		Eglin
		Eglin
		Eglin
		Eglin
		Eglin
		Eglin
		Eglin
		Eglin
yes		Eglin
no		Eglin
		Eglin
		Eglin
		Eglin
		Eglin
		Eglin
yes		Eglin
no		Eglin
		Eglin
yes		Eglin
no		Eglin
yes		Eglin
		Eglin
		Eglin
		Eglin
yes		Eglin
no		Eglin
		Eglin
yes		Eglin
no		Eglin
yes		Eglin
no		Eglin
		Eglin
no		Eglin
		Eglin
		Eglin
		Eglin

		Eglin
		Eglin
		Eglin
		Aberdeen
		Eglin
		Eglin
		Eglin
		Aberdeen
		Aberdeen
		Aberdeen
good		PAX
poor		PAX
		PAX
		PAX
too numerous to mention		
		Eglin
		Aberdeen
		Aberdeen
		Eglin
		Eglin
		Eglin
		Eglin
		Eglin
		Eglin
		Eglin
		Eglin
		Eglin
		Eglin
		Aberdeen
		Aberdeen
		Aberdeen
		Aberdeen
		Aberdeen
		Aberdeen
		Eglin
yes		Eglin
no		Eglin
		Eglin
		Eglin
		Eglin



[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]





		Eglin
		Eglin
		Eglin
		Eglin
		Eglin
		Eglin
male		Eglin
female		Eglin
hermaphrodite		Eglin
		Eglin
		Eglin
		Eglin
poletimber trees	Softwoods 5.0 to 8.9 inches in diameter at breast height (d.b.h.) and hardwoods 5.0 to 10.9 inches in d.b.h.	FIA
rough trees	Live trees of commercial species that are unmerchantable for sawlogs currently or potentially because of roughness or poor form in the sawlog section. Also included are all live trees of noncommercial species.	FIA
rotten	Live trees of commercial species that are unmerchantable for sawlogs currently or potentially because of rot deduction in the sawlog section.	FIA
salvageable dead trees	Standing or downed dead trees that were formerly growing stock and are considered merchantable. Trees must be at least 5.0 in d.b.h. to qualify.	FIA
saplings	Trees 1.0 inch to 4.9 inches in d.b.h.	FIA

sawtimber trees	Trees 9.0 inches and larger d.b.h. for softwoods, and 11.0 inches and larger for hardwoods.	FIA
seedlings	Trees less than 1.0 inch in d.b.h. and greater than 1 foot tall for hardwoods, greater than 6 inches tall for softwoods, and greater than 0.5 inches in diameter at ground level for longleaf pine.	FIA
forest land	Land at least 10 percent stocked by forest trees of any size, or formerly having such tree cover, and not currently developed for nonforest uses. Minimum area considered for classification is 1 acre. Forest land is divided into timberland, reserved timberland and woodland.	FIA
reserved timberland	Public timberland withdrawn from timber utilization through statute or administrative regulations.	FIA
timberland	Forest land that is producing, or is capable of producing crops of industrial wood and is not withdrawn from timber utilization. Timberland is synonymous with "commercial forest land" in prior reports.	FIA
woodland	Forest land incapable of yielding crops of industrial wood because of adverse site conditions.	FIA
elm-ash-cottonwood	Forests in which elms, ashes, or cottonwood, singly or in combination, comprise a plurality of the stocking. Common associates include willow, sycamore, American beech, and maples.	FIA

loblolly-shortleaf pine	Forest in which pines (except longleaf and slash pines) and eastern redcedar, singly or in combination, comprise a plurality of the stocking. Common associates include oaks, hickories, and gums.	FIA
longleaf-slash pine	Forests in which longleaf or slash pines, singly or in combination, comprise a plurality of the stocking. Common associates include other southern pines, oaks, and gums.	FIA
nontyped	Timberland currently unoccupied by any live trees or seedlings; for example, very recent clearcut areas.	FIA
oak-gum-cypress	Bottomland forests in which tupelo, blackgum, sweetgum, oaks, or souther cypress, singly or in combinations, comprise a plurality of the stocking except where pines comprise 25 to 49 percent, in which case the stand would be classified oak-pine. Common associates include cottonwoods, willows, ashes, elms, hackberry, and maples.	FIA
oak-hickory	Forests in which upland oaks or hickories, singly or in combination, comprise a plurality of the stocking, except where pines comprise 25 to 49 percent, in which case the stand would be classified oak-pine. Common associates include yellow-poplar, elms, maples, and black walnut.	FIA

oak-pine	Forests in which hardwoods (usually upland oaks) comprise a plurality of the stocking, but in which softwoods, except cypress, comprise 25 to 49 percent of the stocking. Common associates include gums, hickories, and yellow-poplar.	FIA
gross growth	Total increase in stand volume computed on growing-stock trees or live trees at least 5.0 inches in d.b.h. Gross growth equals survivor growth, plus ingrowth, plus growth on removals, plus growth on mortality, plus cull increment (for growing stock computations). Gross growth includes mortality.	FIA
net change	Increase or decrease in stand volume computed on growing-stock trees or live trees at least 5.0 inches in d.b.h. Net change is equal to net growth minus removals.	FIA
net growth	Increase in stand volume computed on growing-stock trees or live trees at least 5.0 inches in d.b.h. Net growth is equal to gross growth minus mortality.	FIA
farmer-owned land	Lands operated as a unit of 10 acres or more and from which the sale of agricultural products totals \$1,000 or more annually.	FIA
forest industry land	Lands owned by companies or individuals operating wood-using plants (either primary or secondary).	FIA

national forest land	Federal lands that have been legally designated as national forests or purchase units and other lands under the administration of the Forest Service, including experimental areas.	FIA
nonindustrial private land (corporate)	Lands privately owned by private corporations other than forest industries and incorporated farms.	FIA
nonindustrial private land (individual)	Lands privately owned by individuals other than forest industries or farmers.	FIA
other federal land	Federal lands other than national forests	FIA
State, county, and municipal land	Lands owned by States, counties, and local public agencies or municipalities, or lands leased to these governmental units for 50 years or more.	FIA
nonstocked stands	Stand less than 10 percent stocked with live trees.	FIA
poletimber stands	Stands at least 10 percent stocked with live trees, with half or more of this stocking in sawtimber or poletimber trees, and with poletimber stocking exceeding that of sawtimber stocking.	FIA
sapling-seedling stands	Stands at least 10 percent stocked with live trees, with more than half of this stocking in saplings or seedlings.	FIA
sawtimber stands	Stands at least 10 percent stocked with live trees, with half or more of this stocking in sawtimber or poletimber trees, and with sawtimber stocking at least equal to poletimber stocking.	FIA

optimally stocked	Stands 61 to 100 percent stocked with growing-stock trees. These stands are growing toward a fully stocked condition (ideal space required for each tree increases with age). Optimum growth and bole form occur in this range.	FIA
overstocked	Stands greater than 100 percent stocked with growing-stock trees. These stands will become stagnant with mortality of individuals increasing as stocking increases over 100 percent.	FIA
understocked	Stands 0 to 60 percent stocked with growing-stock trees. These stands will take a very long time to reach full stocking. Meanwhile, poor bole form will result, and much of the productivity will be placed on heavy limbs instead of on the bole.	FIA
commercial species	Trees species currently or potentially suitable for industrial wood products.	FIA
cull trees	Rough or rotten trees.	FIA
growing-stock trees	Living trees of commercial species classified as sawtimber, poletimber, saplings, and seedlings. Trees must contain at least one 12-foot or two 8-foot logs in the sawlog portion currently or potentially (if too small to qualify) to be classed as growing stock. The log(s) must meet dimension and merchantability standards to qualify. Trees must also have currently or potentially one-third of the gross board-foot volume in sound wood.	FIA

hardwoods	dicotyledonous trees, usually broad leaved and deciduous.	FIA
live trees	All living trees. Included are all size classes, all tree classes, and both commercial and noncommercial species.	FIA
noncommercial species	Tree species of typically small size, poor form, or inferior quality that normally do not develop into trees suitable for industrial wood products.	FIA
rotten trees	Live trees of commercial species that are unmerchantable for sawlogs currently or potentially because of rot deduction in the sawlog section.	FIA
rough trees	Live trees of commercial species that are unmerchantable for sawlogs currently or potentially because of roughness or poor form in the sawlog section. Also included are all live trees of noncommercial species.	FIA
salvable dead trees	Standing or downed dead trees that were formerly growing stock and are considered merchantable. Trees must be at least 5.0 inches in d.b.h. to qualify.	FIA
softwoods	Coniferous trees, usually evergreen, having leaves that are needles or scalelike.	FIA
volume of cull	The cubic-foot volume of sound wood in rough and rotten trees at least 5.0 inches in d.b.h. from a 1-foot stump to a minimum 4.0-inch top d.o.b of the central stem or to the point where the central stem breaks into limbs.	FIA

volume of growing stock	The cubic-foot volume of sound wood in growing stock trees at least 5.0 inches in d.b.h. from a 1-foot stump to a minimum 4.0-inch top d.o.b. of the central stem or to the point where the central stem breaks into limbs.	FIA
volume of live trees	The cubic-foot volume of sound wood in growing-stock, rough, and rotten trees at least 5.0 inches in d.b.h. from a 1-foot stump to a minimum 4.0-inch top d.o.b. of the central stem or to the point where the central stem breaks in to limbs.	FIA
volume of sawlog portion of sawtimber trees	The cubic-foot volume of sound wood in the sawlog portion of sawtimber trees. Volume is the net result after deductions for rot, sweep, and other defects that affect use of lumber.	FIA
volume of sawtimber	The board-foot volume (International 1/4-inch Rule) of sound wood in the sawlog portion of sawtimber trees. Volume is the net result after deductions for rot, sweep, and other defects that affect use for lumber.	FIA
volume of timber	The cubic-foot volume of sound wood in growing stock, rough, rotten and salvable dead trees at least 5.0 inches in d.b.h. from a 1-foot stump to a minimum 4.0-inch top d.o.b. of the central stem or to the point where the central stem breaks into limbs.	FIA
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		FIA
good		PAX
poor		PAX
		PAX